

Recombinant Full Length Human DPP10 Protein, GST-tagged

Cat. No. DPP10-4115HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DPP10 full-length ORF (AAH30832.1, 1 a.a. - 796 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	796 amino acids
Description	This gene encodes a single-pass type II membrane protein that is a member of the S9B family in clan SC of the serine proteases. This protein has no detectable protease activity, most likely due to the absence of the conserved serine residue normally present in the catalytic domain of serine proteases. However, it does bind specific voltage-gated potassium channels and alters their expression and biophysical properties. Mutations in this gene have been associated with asthma. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]
Molecular Mass	117.3 kDa
AA Sequence	MNQ TASVSHHIKCQPSKTIKELGSNSPPQRNWKGIAIALLVVCSLITMSVILLTPDE LTNSSETRL SLEDLFRKDFVLHDPEARWINDTDVVYKSENGHVIKLN IETNATTLLLEN TTFVTFKASRHSVSPDLKYVLLAYDVKQIFHYSY TASYVIYNIHTRE VWELNPPEVED SVLQYAAWGVQGQQLIYIFENNIYYQPDIKSSSLRLTSSGKEEII FNGIADWLYEEELL HSHIAHWWSPDGERLAFLMINDSLVPTMVIPRFTGALYPKGKQYPYPKAGQMNP TIK

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LYVVNLYGPTHHTLELMPPDSFKSREYYITMVKWVSNTKTVVRWLNRAQNISILTVCE
 TTTGACSKKYEMTSDTWLSQQNEEPVFSRDGSKFFMTVPVKQGGRGEFHFIAMFLI
 QSKSEQITVRHLTSGNWEVIKILAYDETTQKIYFLSTESSPRGRQLYSASTEGLLNRQ
 CISCNFMKEQCTYFDASFSPMNQHLLFCEGPRVPVSLHSTDNPAKYFILESNSML
 KEAILKKKIGKPEIKILHIDDYELPLQLSLPKDFMDRNQYALLIMDEEPGGQLVTDKFH
 IDWDSVLIDMDNVIVARFDGRGSGFQGLKILQEIHRRLG SVEVKDQITAVKFLKLPIYI
 DSKRLSIFGKG YGGYIASMILKSDEKLFKCGSVVAPITDLKLYASAFSERYLGMP SKE
 ESTYQAASVLHNVHGLKEENILIIHG TADTKVHFQHS AELIKHLIKAGVNYTMQVYPDE
 GHNVSEKSKYHLYSTILKFFSDCLKEEISVLPQEPEEDE

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

DPP10 dipeptidyl-peptidase 10 (non-functional) [Homo sapiens]

Official Symbol

DPP10

Synonyms

DPP10; dipeptidyl-peptidase 10 (non-functional); dipeptidyl peptidase 10 ,
 dipeptidylpeptidase 10; inactive dipeptidyl peptidase 10; DPRP3; DPP X; DPRP-3;
 dipeptidyl peptidase X; dipeptidyl peptidase 10; dipeptidyl peptidase like protein 2;
 dipeptidyl peptidase-like protein 2; dipeptidyl peptidase IV-related protein 3; DPL2;

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	DPPY;
Gene ID	57628
mRNA Refseq	NM_001004360
Protein Refseq	NP_001004360
MIM	608209
UniProt ID	Q8N608

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